

Session Title:	[Th1J] Plasmonics II
Session Date:	August 8 (Thu.), 2024
Session Time:	11:00-12:30
Session Room:	Room J (201-202)
Session Chairs	TBA

[Th1J-1] [Invited] 11:00-11:30

Proving the Mechanism of Plasmon-Assisted Photo Catalysis with Anti-Stokes SERS Spectroscopy

Zee Hwan Kim (Seoul Nat'l Univ., Korea)

[Th1J-2] 11:30-11:45

Surface Enhanced Raman Scattering on Plasmonic Nanopost Arrays Using Cell Manipulation

Kwanhwi Ko, Hajun Yoo, Hyunwoong Leea, Young Hee Seo, Sangheon Hanb, Won Seok Chang, and Donghyun Kim (Yonsei Univ., Korea)

[Th1J-3] 11:45-12:00

Simultaneous Measurement of Light Absorption and Near-field Enhancement Based on Angle-resolved Nanospectroscopy

Seongmin Im, Hongki Lee, Changhun Lee, Hyunwoong Lee (Yonsei Univ., Korea), Shi-Wei Chu (Nat'l Taiwan Univ., Taiwan), Aaron Ho-Pui Ho (The Chinese Univ. of Hong Kong, Hong Kong S.A.R), and Donghyun Kim (Yonsei Univ., Korea)

[Th1J-4] 12:00-12:15

Au Supraball for Plasmonic Sensing

Kyung Hun Rho, Jaewon Lee, and Seungwoo Lee (Korea Univ., Korea)

[Th1J-5] 12:15-12:30

Enhanced Cherenkov Radiation from the Topology Transition

Juan-Feng Zhu (Singapore Univ. of Tech. and Design, Singapore), Zi-Wen Zhang (Peking Univ., China), and Lin Wu (Singapore Univ. of Tech. and Design, Singapore)